



“Yesterday we were nerds, today we’re the cognitive elite.”

—Chester G. Edwards

In today’s business world, success depends on efficient use of information systems technology. Managers need employees with state-of-the-art technical knowledge and a thorough foundation in general business concepts. Our Computer Information Systems program offers both.

Build a foundation of computing concepts that will enable you to adapt to changing technologies throughout your career. Develop life-long professional skills in analytical thinking and problem-solving, written and spoken communication, and teamwork. Gain hands-on practice with leading edge development environments and software products, including programming language skills in C# and SQL; database and client/server skills in Access and Oracle; system analysis and design skills using Rational Rose; and high-level application development using Microsoft Visual Studio, Oracle, Access, and web development environments. Learn data communications, networking, and web development skills in UNIX and Windows environments.

Average class size in The W. A. Franke College of Business is 35 students, so it’s easy to know and talk with your professors. In fact, classes are small in all but a few introductory courses. Nearly all are taught by full-time faculty members.

At Northern Arizona University, we’re big enough to offer all the courses you need, but small enough to know your name.

“Being a student of CIS, it is important to me that I receive information and up-to-date instruction in an ever-changing career field. I notice this most when my technology courses use new equipment and the latest software. It is extremely admirable that many of my instructors take courses to update their skills or produce books and other texts, which serve to educate others.”

Computer Information Systems Graduate

Degree Programs

- **B.S.B.A. in Computer Information Technology**

Career Opportunities

Study to become an ...	Recent graduates have taken positions with ...
Application developer	Boeing Information Technology
Consultant	City of Phoenix
Database administrator	Goodrich Aerostructures
Network & systems administrator	Micron Idaho
System analyst	Perot Systems
Web/e-business developer	State of Arizona
	Weyerhaeuser Company
	Southwest Windpower
	W.L. Gore

Explore Courses that Jump-start Your Career

Learn the basics of programming

How does Mac do what it does? What makes Windows open? In our **Programming Principles** course, you will study the fundamentals of programming, including algorithmic design, programming constructs, object-oriented concepts, data structures, file processing, and testing.

Understand computer operations

Without proper installation and programming, even the most powerful computer is useless. In our **Hardware and Operating Systems** course, you will learn the fundamentals of installation, configuration, administration, use, and analysis of leading operating systems. You will work extensively with command language scripting, file systems, security, and user rights.

Experience the Work World

Make professional connections and gain real-world experience through internships and faculty research projects in both the laboratory and the field. Internships in the Arizona Legislature are also available on a competitive basis.

Put businesses on the Internet

Computer technology has vastly expanded the world of commerce. Learn how to establish a business presence on the Internet in our **Web Technology and Development** course. Topics include the web, web servers, e-commerce, application modeling and design, tools and languages, and site architecture.

Study Abroad

Study for a summer, a semester, or an academic year in universities around the globe. The university has cooperative agreements with institutions in Australia, Canada, Germany, Ireland, Malta, the Netherlands, New Zealand, Sweden, United Arab Emirates, and the United Kingdom. We provide international education opportunities to all academically qualified students. Start your travel planning with a visit to nau.edu/international.

Participate!

Make friends with others in your major by joining the **Association for Computing Machinery**. The group furthers the interests of student computing professionals engaged in the development of new computer applications and the transfer of computer technology to new problem domains.

Finish in Four

Stay on a four-year track to your degree and save money in the process. The university guarantees access to the courses you need to graduate on time. You are responsible for contacting an advisor early. Visit nau.edu/finishinfour.